



DEPARTMENT OF TRANSPORTATION AND ENVIRONMENTAL SERVICES

City Hall, 301 King Street, Room 3000

Alexandria, Virginia 22314

[alexandriava.gov](http://alexandriava.gov)

August 21, 2015

Mr. Douglas Frasier  
VPDES Permit Writer, Senior II  
Certified Nutrient Management Planner  
Regional Toxics Management Program Coordinator  
Department of Environmental Quality  
Northern Regional Office  
13901 Crown Court  
Woodbridge, VA 22193

Subject: City of Alexandria, Virginia – VPDES Permit No. VA0087068  
Green Infrastructure Database Development

Dear Mr. Frasier:

In accordance with the requirements of Part I.E.9 of the City's permit, this letter represents an update regarding the status of the development of a database for the maintenance of City-owned green infrastructure. This database must include a schedule and tracking of maintenance activities to ensure that green infrastructure practices are operating and performing as intended. A final report detailing the full database development and implementation is required on or before August 23, 2016.

Below is a summary of the activities completed to date related to City-owned green infrastructure.

- Utilizing the City's existing stormwater Best Management Practice (BMP) database, a list of green infrastructure in the combined sewer service area has been generated and verified
- Information related to green infrastructure in the combined sewer service area in the existing BMP database has been reviewed
- Information on new green infrastructure projects is added to the database upon completion
- Existing green infrastructure in the combined sewer service areas has been geographically located in GIS
- Maintenance activities related to City-owned green infrastructure has been reviewed

Over the next year, the City will be identifying additional maintenance activities for anticipated green infrastructure practices not currently in place, such as green alleys. The City is also exploring the use of asset management software (Cityworks<sup>TM</sup>) to assist in the tracking and management of City-owned green infrastructure. Finally, the existing stormwater BMP database will be modified as necessary in order to meet additional permit requirements, including estimating the volume reduction of green infrastructure practices.

We trust this letter meets the requirements of Part I.E.9 of the City's VPDES Permit. If you have any questions, please contact Lalit Sharma at 703.746.4072 or email him at [lalit.sharma@alexandriava.gov](mailto:lalit.sharma@alexandriava.gov).

Regards,



William J. Skrabak, Deputy Director  
Infrastructure and Environmental Quality  
Transportation & Environmental Services (T&ES)

cc: Yon Lambert, Director, T&ES

Lalit K. Sharma, P.E., Division Chief, Sanitary Sewer Infrastructure Division, T&ES  
Erin Bevis-Carver, P.E., Sanitary Section Lead, Sanitary Sewer Infrastructure Division,  
T&ES